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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/680,629
Filing Date	October 6, 2003
First Named Inventor	Apurva Mody
Art Unit	2185
Examiner Name	
Attorney Docket Number	0701-2765
Total Number of Pages in This Submission	7

ENCLOSURES *(Check all that apply)*

- ☐ Fee Transmittal Form
  - ☐ Fee Attached
- ☑ Amendment/Reply
  - ☐ After Final
  - ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☐ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Reply to Missing Parts/ Incomplete Application
  - ☐ Reply to Missing Parts under 37 CFR 1.52 or 1.53
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) ______
  - ☐ Landscape Table on CD
- ☐ After Allowance Communication to TC
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to TC **(Appeal Notice, Brief, Reply Brief)**
- ☐ Proprietary Information
- ☐ Status Letter
- ☑ Other Enclosure(s) (please Identify below):

Remarks

Return receipt postcard

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Law Office of Nora M. Tocups		
Signature	Nora M. Toc		
Printed name	Nora M. Tocups		
Date	March 22, 2005	Reg. No.	35,717

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	**Apurva Mody et al.**		
Serial No.:	**10/680,629**	Art Unit:	**2185**
Filed:	**October 06, 2003**	Examiner:	
For:	**Sample Time Offset Detection, Correction and Control for MIMO OFDM Systems**		

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PRELIMINARY AMENDMENT

Sir or Madam:

Prior to examination of the application, please make the following amendments to the claims.

1. (Canceled)

2. (New) In a Multiple-Input Multiple-Output Orthogonal Frequency Divisional Multiplexing (MIMO-OFDM) system, a method for estimating a sampling frequency offset, comprising:

inserting a matrix of pilot tones in at least two matrices of blocks of data;

receiving the matrices of blocks of data with the matrix of pilot tones;

comparing the matrix of pilot tones of one of the received matrices of blocks of data with the other matrix of pilot tones of the other of the received matrices of blocks of data to obtain a result; and estimating the sampling frequency offset of the system based on the result of the comparison.